

FIG. 1A

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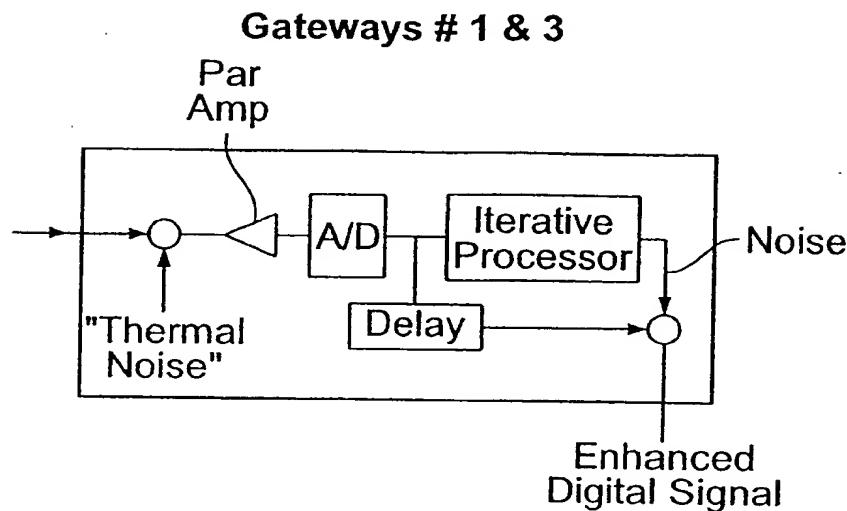


FIG. 1B

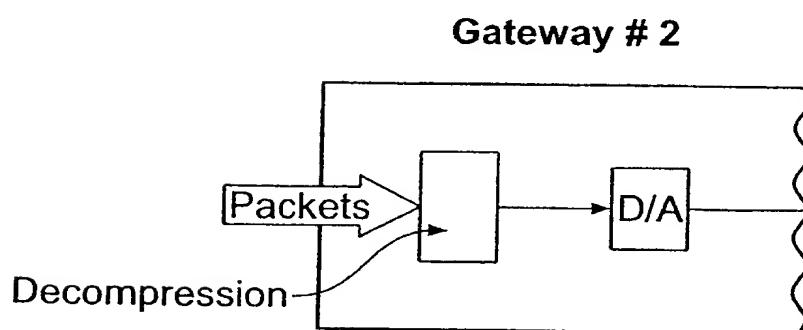


FIG. 1C

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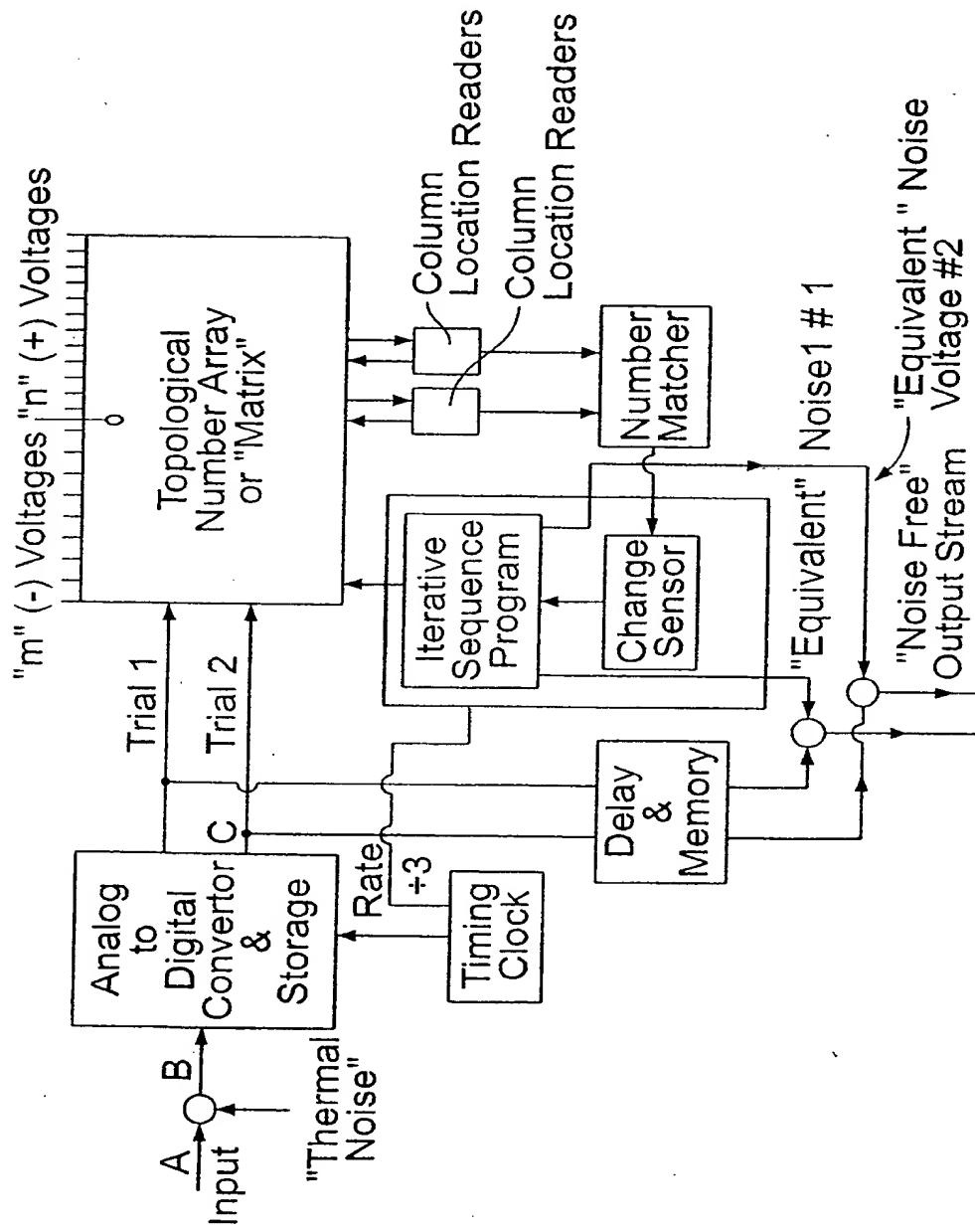


FIG. 2

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2-Wire ("Same" Signal - 2 Noises)
Option 1

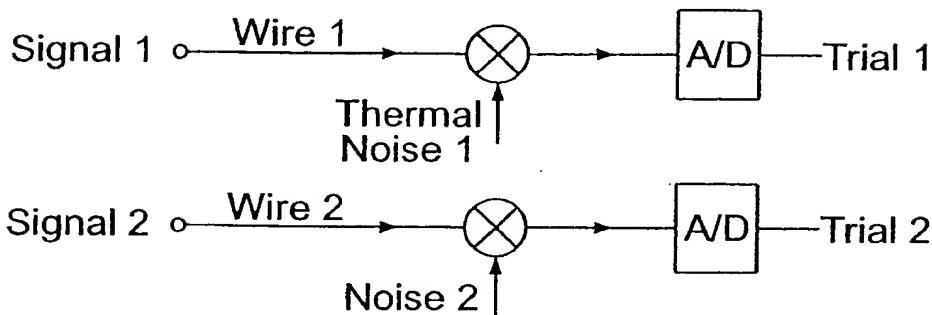


FIG. 3A

1-Wire Sequentially
Option 2

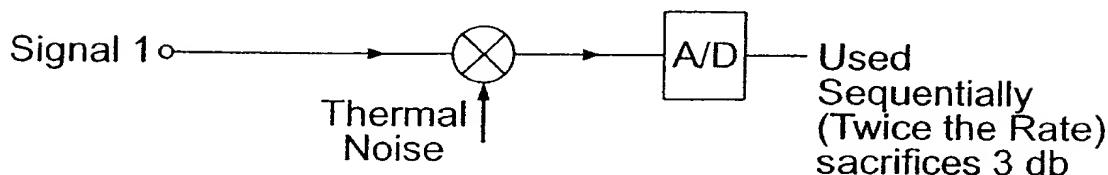


FIG. 3B

1-Wire Using in Phase I and Quadrature Q

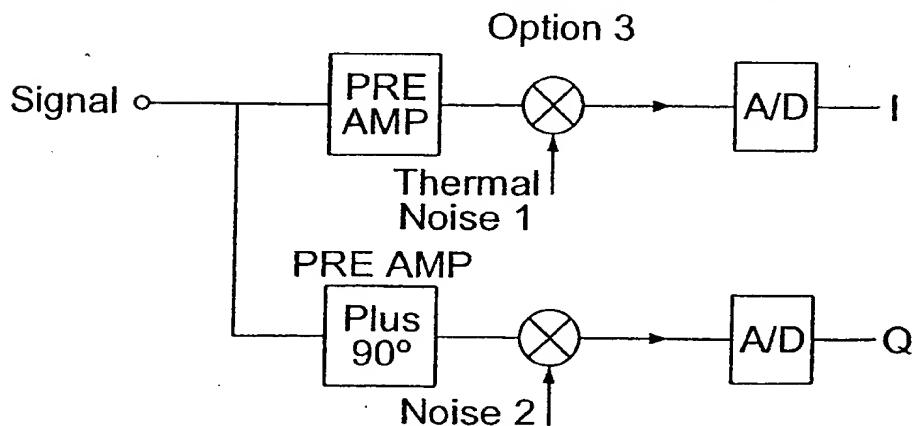


FIG. 3C

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	I data ...	0 dB ...	Group	Average I Values								Avgs Scanned in Opposite Sense							
	Mic(A)	-0.9v	-0.85v	-0.80v	-0.75v	-0.70v	-0.65v	-0.60v	-0.55v	-0.50v	-0.45v	-0.40v	-0.35v	-0.30v	-0.25v	-0.20v	-0.15v	-0.1v	
Avg 20B	0.041	1.206 -0.552	1.156 -0.502	1.106 -0.452	1.056 -0.402	1.006 -0.352	1.956 -0.306	0.906 -0.252	0.856 -0.202	0.806 -0.152	0.756 -0.102	0.706 -0.052	0.656 0.002	0.606 0.048	0.556 0.048	0.506 0.098	0.456 0.148	0.406 0.198	0.406 0.248
Avg 21A	-0.052	-0.591 -1.161	0.541 -1.111	0.491 -1.061	0.441 -1.011	0.391 -0.961	0.341 -0.911	0.291 -0.861	0.241 -0.811	0.191 -0.761	0.141 -0.711	0.091 -0.661	0.041 -0.611	0.009 -0.561	0.059 -0.511	0.103 -0.461	-0.159 -0.411	-0.209 -0.361	
Avg 22A	0.060	0.735 -1.005	0.685 -0.935	0.635 -0.905	0.585 -0.855	0.535 -0.805	0.485 -0.755	0.435 -0.705	0.385 -0.655	0.335 -0.605	0.285 -0.555	0.235 -0.505	0.185 -0.455	0.135 -0.405	0.085 -0.355	0.035 -0.305	-0.013 -0.255	-0.065 -0.205	
Avg 23A	0.023	0.654 -1.124	0.604 -1.074	0.554 -1.024	0.504 -0.974	0.454 -0.924	0.404 -0.874	0.354 -0.824	0.304 -0.774	0.254 -0.724	0.204 -0.674	0.154 -0.624	0.104 -0.574	0.054 -0.524	0.004 -0.474	-0.046 -0.424	-0.096 -0.374	0.146 -0.324	
Avg 24A	-0.002	1.166 -0.637	1.116 -0.587	1.066 -0.537	1.016 -0.487	0.966 -0.437	0.916 -0.387	0.866 -0.337	0.816 -0.287	0.766 -0.237	0.716 -0.187	0.666 -0.137	0.616 -0.087	0.566 -0.037	0.516 0.013	0.466 0.063	0.416 0.113	0.366 0.163	
Avg 25B	-0.032	1.100 -0.732	1.050 -0.682	1.000 -0.632	0.950 -0.582	0.900 -0.532	0.850 -0.482	0.800 -0.432	0.750 -0.382	0.700 -0.332	0.650 -0.282	0.600 -0.232	0.550 -0.182	0.500 -0.132	0.450 -0.082	0.400 -0.032	0.350 0.018	0.250 0.068	
Avg 26B	0.163	0.487 -1.481	0.432 -1.431	0.387 -1.381	0.337 -1.331	0.287 -1.281	0.237 -1.231	0.187 -1.181	0.137 -1.131	0.087 -1.081	0.037 0.031	0.013 -0.981	-0.063 -0.931	-0.113 -0.881	-0.163 -0.831	-0.213 -0.781	-0.263 -0.731	0.313 0.681	
Avg 27A	0.120	0.924 -0.756	0.874 -0.706	0.824 -0.656	0.774 -0.706	0.724 -0.556	0.674 -0.506	0.624 -0.456	0.574 -0.406	0.524 -0.356	0.474 -0.306	0.424 -0.256	0.374 -0.206	0.324 -0.156	0.274 -0.106	0.224 -0.056	0.174 0.006	0.124 0.044	
Avg 28C	0.178	0.782 -0.840	0.732 -0.790	0.682 -0.740	0.632 -0.690	0.582 -0.640	0.532 -0.590	0.482 -0.540	0.432 -0.490	0.382 -0.440	0.332 -0.380	0.282 -0.340	0.232 -0.290	0.182 -0.240	0.132 -0.190	0.082 -0.140	0.032 -0.090	0.018 -0.040	
Avg 29C	-0.129	1.246 -0.683	1.196 -0.633	1.146 -0.583	1.096 -0.533	1.046 -0.483	0.996 -0.433	0.946 -0.383	0.896 -0.333	0.846 -0.283	0.796 -0.233	0.746 -0.183	0.696 -0.133	0.646 -0.063	0.596 0.033	0.546 -0.017	0.496 0.067	0.446 0.117	
Avg 30B	0.032	0.848 -0.921	0.798 -0.871	0.748 -0.821	0.698 -0.771	0.648 -0.721	0.598 -0.671	0.548 -0.621	0.498 -0.571	0.448 -0.521	0.398 -0.471	0.348 -0.421	0.298 -0.371	0.248 -0.321	0.198 -0.271	0.148 -0.221	0.098 -0.171	0.049 -0.121	
Avg 31C	0.174	0.786 -1.187	0.736 -1.137	0.686 -1.087	0.636 -0.937	0.586 -0.987	0.536 -0.937	0.486 -0.887	0.436 -0.837	0.386 -0.787	0.336 -0.737	0.286 -0.687	0.236 -0.637	0.186 -0.587	0.136 -0.537	0.086 -0.487	0.036 -0.437	0.014 -0.387	
Avg 32C	-0.015	1.060 -0.755	1.010 -0.705	0.960 -0.655	0.910 -0.605	0.860 -0.555	0.810 -0.505	0.760 -0.455	0.710 -0.405	0.660 -0.355	0.610 -0.305	0.560 -0.255	0.510 -0.205	0.460 -0.155	0.410 -0.105	0.360 -0.055	0.310 -0.005	0.260 0.045	
Avg 33C	-0.050	0.993 -0.887	0.943 -0.837	0.893 -0.787	0.843 -0.737	0.793 -0.687	0.743 -0.637	0.693 -0.587	0.643 -0.537	0.593 -0.487	0.543 -0.437	0.493 -0.387	0.443 -0.337	0.393 -0.287	0.343 -0.237	0.333 -0.187	0.243 -0.137	0.193 -0.087	
Avg 34A	0.203	0.530 -1.479	0.480 -1.429	0.430 -1.379	0.380 -1.329	0.330 -1.279	0.280 -1.229	0.230 -1.179	0.180 -1.129	0.130 -1.079	0.080 -1.029	0.030 -0.979	0.020 -0.929	0.070 -0.879	-0.120 -0.829	-0.220 -0.779	-0.270 -0.729	-0.270 -0.679	
Avg 35C	-0.083	1.035 -0.848	0.985 -0.798	0.935 -0.748	0.885 -0.698	0.835 -0.648	0.785 -0.598	0.735 -0.448	0.685 -0.498	0.635 -0.448	0.585 -0.398	0.435 -0.348	0.485 -0.298	0.435 -0.248	0.385 -0.198	0.335 -0.148	0.285 -0.098	0.235 -0.048	
Avg 36B	0.213	1.171 -0.841	1.121 -0.791	1.071 -0.741	1.021 -0.691	0.971 -0.641	0.921 -0.591	0.871 -0.541	0.821 -0.491	0.771 -0.441	0.721 -0.391	0.671 -0.341	0.621 -0.291	0.571 -0.241	0.521 -0.191	0.471 -0.141	0.421 -0.091	0.371 -0.041	
Avg 37C	0.015	1.024 -0.761	0.974 -0.711	0.824 -0.661	0.874 -0.611	0.824 -0.561	0.774 -0.511	0.724 -0.461	0.674 -0.411	0.624 -0.361	0.574 -0.311	0.423 -0.261	0.474 -0.211	0.424 -0.161	0.374 -0.111	0.324 -0.061	0.274 0.011	0.224 0.039	
Avg 38B	0.003	0.616 -1.181	0.566 -1.131	0.516 -1.081	0.466 -1.031	0.416 -0.981	0.366 -0.931	0.316 -0.881	0.266 -0.831	0.216 -0.781	0.166 -0.731	0.116 -0.687	0.066 -0.631	0.016 -0.581	0.034 -0.531	0.084 -0.481	0.134 -0.431	0.184 -0.381	

FIG. 4A

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-0.05V	0.00V	0.05V	0.10V	0.15V	0.20V	0.25V	0.30V	0.35V	0.40V	0.45V	0.50V	0.55V	0.60V	0.65V	0.70V	0.75V
0.356	0.306	0.256	0.206	0.156	0.106	0.056	0.006	-0.044	-0.094	-0.144	-0.194	-0.244	-0.294	-0.344	-0.394	-0.444
0.298	0.348	0.398	0.448	0.498	0.548	0.598	0.648	0.698	0.748	0.798	0.848	0.898	0.948	0.998	1.048	1.098
-0.159	-0.209	-0.259	-0.309	-0.359	-0.409	-0.459	-0.509	-0.559	0.609	-0.659	-0.709	-0.759	-0.809	-0.859	-0.909	-0.959
-0.311	-0.261	-0.211	-0.161	-0.111	-0.061	-0.011	0.039	0.089	0.139	0.189	0.239	0.289	0.339	0.389	0.439	0.489
-0.115	-0.165	-0.215	-0.265	-0.315	-0.365	-0.415	-0.465	-0.515	-0.565	-0.615	-0.665	-0.715	-0.765	-0.815	-0.865	-0.915
-0.155	-0.105	-0.055	(0.005)	0.045	0.095	0.145	0.195	0.245	0.295	0.345	0.395	0.445	0.495	0.545	0.595	0.645
-0.196	-0.246	-0.296	-0.346	-0.396	-0.446	-0.496	-0.546	-0.596	-0.646	-0.696	-0.746	-0.796	-0.846	-0.896	-0.946	-0.996
-0.274	-0.224	-0.174	-0.124	-0.074	-0.024	0.026	0.076	0.126	0.176	0.226	0.276	0.326	0.376	0.426	0.476	0.526
0.316	0.266	0.216	0.166	0.116	0.066	0.016	-0.034	-0.084	-0.134	-0.184	-0.234	-0.284	-0.334	-0.384	-0.434	-0.484
0.213	0.263	0.313	0.363	0.413	0.463	0.513	0.563	0.613	0.663	0.713	0.763	0.813	0.863	0.913	0.963	1.013
0.250	0.200	0.150	0.100	0.050	0.000	-0.050	-0.100	-0.150	-0.200	-0.250	-0.300	-0.350	-0.400	-0.450	-0.500	-0.550
0.118	0.165	0.218	0.265	0.318	0.368	0.418	0.468	0.518	0.568	0.618	0.668	0.718	0.768	0.818	0.868	0.918
-0.363	-0.413	-0.463	-0.513	-0.563	-0.613	-0.663	-0.713	-0.763	-0.813	-0.863	-0.913	-0.963	-1.013	-1.063	-1.113	-1.163
-0.631	-0.581	-0.531	-0.481	-0.431	-0.381	-0.331	-0.281	-0.231	-0.181	-0.131	-0.081	(0.031)	0.079	0.069	0.119	0.169
0.074	0.024	-0.026	-0.076	-0.126	-0.176	-0.226	-0.276	-0.326	-0.376	-0.426	-0.476	-0.526	-0.576	-0.626	-0.676	-0.726
0.094	0.144	0.184	0.244	0.284	0.344	0.384	0.444	0.484	0.544	0.584	0.644	0.684	0.744	0.784	0.844	0.884
-0.068	-0.118	-0.168	-0.218	-0.268	-0.318	-0.368	-0.418	-0.468	-0.518	-0.568	-0.618	-0.668	-0.718	-0.768	-0.818	-0.868
0.010	0.060	0.110	0.160	0.210	0.260	0.310	0.360	0.410	0.460	0.510	0.560	0.610	0.660	0.710	0.760	0.810
0.396	0.346	0.296	0.246	0.196	0.146	0.096	0.046	(0.004)	-0.054	-0.104	-0.154	-0.204	-0.254	-0.304	-0.354	-0.404
0.167	0.217	0.267	0.317	0.367	0.417	0.467	0.517	0.567	0.617	0.667	0.717	0.767	0.817	0.867	0.917	0.964
0.002	-0.052	-0.102	-0.152	-0.202	-0.252	-0.302	-0.352	-0.402	-0.452	-0.502	-0.552	-0.602	-0.652	-0.702	-0.752	-0.802
-0.071	(0.021)	0.029	0.079	0.129	0.179	0.229	0.279	0.329	0.379	0.429	0.479	0.529	0.579	0.629	0.679	0.729
-0.064	-0.114	-0.164	-0.214	-0.264	-0.314	-0.364	-0.414	-0.464	-0.514	-0.564	-0.614	-0.664	-0.714	-0.764	-0.814	-0.864
-0.337	-0.287	-0.237	-0.187	-0.137	-0.087	-0.037	(0.013)	0.063	0.113	0.163	0.213	0.263	0.313	0.363	0.413	0.463
0.210	0.160	0.110	0.060	0.010	-0.040	-0.090	-0.140	-0.190	-0.240	-0.290	-0.340	-0.390	-0.440	-0.490	-0.540	-0.590
0.095	0.145	0.195	0.245	0.295	0.345	0.395	0.445	0.495	0.545	0.595	0.645	0.695	0.745	0.795	0.845	0.895
0.143	0.093	0.043	(0.007)	-0.057	-0.107	-0.157	-0.207	-0.257	-0.307	-0.357	-0.407	-0.457	-0.507	-0.557	-0.607	-0.657
-0.037	(0.013)	0.063	0.113	0.163	0.213	0.263	0.313	0.363	0.413	0.463	0.513	0.563	0.613	0.663	0.713	0.763
-0.320	-0.370	-0.420	-0.470	-0.520	-0.570	-0.620	-0.670	-0.720	-0.770	-0.820	-0.870	-0.920	-0.970	-1.020	-1.070	-1.120
-0.629	-0.579	-0.529	-0.479	-0.429	-0.379	-0.329	-0.279	-0.229	-0.179	-0.129	-0.079	(0.029)	0.071	0.071	0.121	0.171
0.185	0.135	0.085	0.035	(0.015)	-0.065	-0.115	-0.165	-0.215	-0.265	-0.315	-0.365	-0.415	-0.465	-0.515	-0.565	-0.615
0.002	0.052	0.102	0.152	0.202	0.252	0.302	0.352	0.402	0.452	0.502	0.552	0.602	0.652	0.702	0.752	0.802
0.321	0.271	0.221	0.171	0.121	0.071	(0.021)	-0.029	-0.079	-0.129	-0.179	-0.229	-0.279	-0.329	-0.379	-0.429	-0.479
0.009	0.059	0.109	0.159	0.209	0.259	0.309	0.359	0.409	0.459	0.509	0.559	0.609	0.659	0.709	0.759	0.809
0.174	0.124	0.074	(0.024)	-0.029	-0.076	-0.126	-0.176	-0.226	-0.276	-0.326	-0.376	-0.426	-0.476	-0.526	-0.576	-0.626
0.089	0.139	0.189	0.239	0.289	0.339	0.389	0.439	0.489	0.539	0.589	0.639	0.689	0.739	0.789	0.839	0.889
-0.234	-0.284	-0.334	-0.384	-0.434	-0.484	-0.534	(0.584)	-0.634	-0.684	-0.734	-0.784	-0.834	-0.884	-0.934	-0.984	-1.034
-0.331	-0.281	-0.231	-0.181	-0.131	-0.081	-0.031	(0.019)	0.069	0.119	0.169	0.219	0.269	0.319	0.369	0.419	0.469

FIG. 4B

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Regular & Reverse Scans

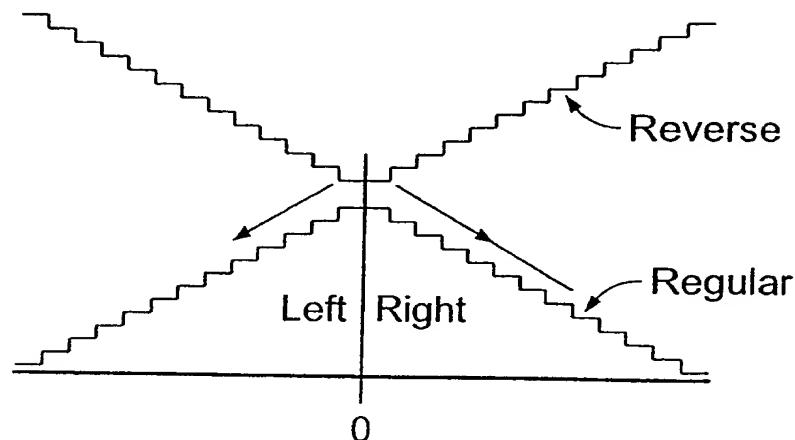


FIG. 5A

Column Location

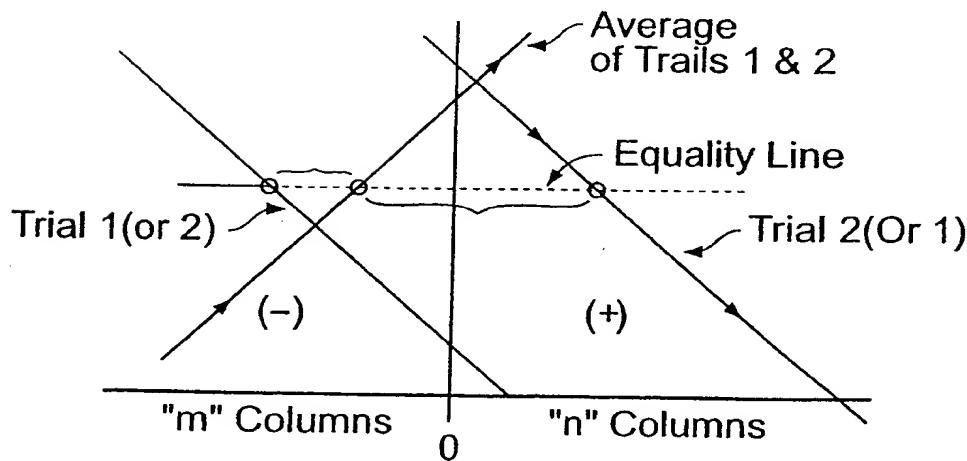


FIG. 5B

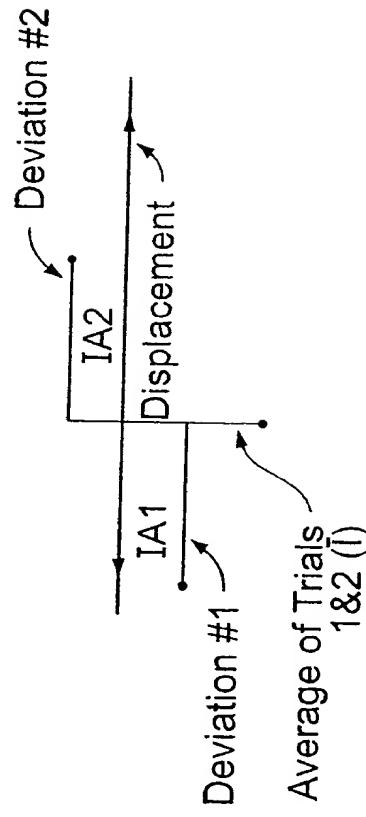
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	I data ...	0 dB ...	Group	Average I Values												Avgs Scanned in Opposite Sense				
	Mic(A)	-0.9v	-0.85v	-0.80v	-0.75v	-0.70v	-0.65v	-0.60v	-0.55v	-0.50v	-0.45v	-0.40v	-0.35v	-0.30v	-0.25v	-0.20v	-0.15v	-0.1v		
Avg 20B	0.041	2.431 0.672	2.381 0.922	3.231 0.772	2.381 0.829	2.231 0.572	2.181 0.922	2.131 0.972	2.081 1.022	2.031 1.022	1.981 1.123	1.931 1.172	1.881 1.222	1.831 1.272	1.781 1.322	1.731 1.372	1.681 1.422	1.531 1.472		
Avg 21A	-0.052	1.916 0.064	1.866 0.114	1.816 0.164	1.766 0.214	1.716 0.264	1.666 0.014	1.616 0.364	1.566 0.414	1.516 0.464	1.466 0.516	1.416 0.564	1.366 0.614	1.316 0.664	1.265 0.716	1.216 0.764	1.166 0.816	1.116 0.864		
Avg 22A	0.060	1.960 0.220	1.910 0.270	1.860 0.320	1.810 0.370	1.760 0.420	1.710 0.470	1.660 0.520	1.610 0.570	1.560 0.620	1.510 0.670	1.460 0.720	1.410 0.770	1.360 0.820	1.310 0.870	1.260 0.920	1.210 0.970	1.160 1.020		
Avg 23A	0.022	1.878 0.101	1.828 0.151	1.778 0.201	1.728 0.251	1.678 0.301	1.628 0.351	1.578 0.401	1.526 0.451	1.478 0.501	1.428 0.551	1.378 0.601	1.328 0.651	1.278 0.701	1.228 0.751	1.178 0.801	1.128 0.861	1.078 0.901		
Avg 24A	-0.002	2.390 0.588	2.360 0.638	3.290 0.688	2.340 0.738	2.190 0.789	2.140 0.838	2.030 0.888	2.040 0.938	1.990 0.999	1.940 1.038	1.870 1.088	1.840 1.138	1.780 1.188	1.740 1.238	1.690 1.298	1.640 1.238	1.690 1.388		
Avg 25B	-0.032	2.325 0.493	2.275 0.543	2.225 0.593	2.175 -0.663	2.125 0.693	2.075 0.763	2.025 0.793	1.975 0.863	1.925 0.883	1.875 0.963	1.825 0.993	1.775 1.043	1.725 1.093	1.675 1.163	1.625 1.193	1.575 1.243	1.525 1.293		
Avg 26B	-0.169	1.712 0.257	1.662 -0.207	1.612 -0.157	1.562 -0.107	1.512 -0.057	1.162 -0.007	1.412 0.043	1.362 0.093	1.312 0.143	1.262 0.193	1.212 0.243	1.162 0.293	1.112 0.343	1.062 0.393	1.012 0.443	0.863 0.493	0.912 0.543		
Avg 27A	0.120	2.168 0.468	2.033 0.518	2.068 0.568	1.333 0.618	1.963 0.668	1.873 0.748	1.843 0.768	1.739 0.818	1.743 0.868	1.677 0.918	1.647 0.968	1.593 1.018	1.548 1.068	1.493 1.118	1.418 1.168	1.399 1.218	1.319 1.268		
Avg 28C	0.178	2.002 0.385	1.957 0.435	1.907 0.485	1.857 0.535	1.807 0.595	1.757 0.635	1.707 0.685	1.657 0.735	1.607 0.785	1.557 0.835	1.507 0.885	1.457 0.935	1.407 0.985	1.357 1.035	1.307 1.085	1.257 1.135	1.207 1.185		
Avg 29C	-0.129	2.471 0.542	2.421 0.592	2.371 0.642	2.321 0.692	2.271 0.742	2.221 0.792	2.171 0.842	2.121 0.892	2.071 0.942	2.021 0.992	1.971 1.042	1.921 1.092	1.871 1.142	1.821 1.192	1.771 1.242	1.721 1.292	1.671 1.342		
Avg 30B	0.032	2.073 0.304	2.023 0.354	1.973 0.404	1.923 0.454	1.873 0.504	1.823 0.554	1.773 0.604	1.723 0.554	1.673 0.704	1.623 0.754	1.573 0.800	1.523 0.854	1.673 0.904	1.423 0.954	1.373 1.004	1.323 1.054	1.273 1.104		
Avg 31C	-0.174	2.011 0.037	1.961 0.087	1.811 0.137	1.861 0.187	1.811 0.237	1.761 0.287	1.711 0.337	1.661 0.387	1.611 0.437	1.561 0.497	1.511 0.537	1.461 0.587	1.411 0.637	1.361 0.687	1.311 0.737	1.261 0.787	1.211 0.837		
Avg 32C	-0.015	2.285 0.470	2.235 0.520	2.185 0.570	3.135 0.620	2.085 0.670	2.035 0.720	1.985 0.770	1.935 0.820	1.885 0.870	1.835 0.920	1.785 0.970	1.735 1.020	1.685 1.070	1.635 1.120	1.585 1.170	1.535 1.220	1.485 1.270		
Avg 33C	-0.080	2.218 0.338	2.168 0.388	2.118 0.438	2.068 0.488	2.018 0.538	1.868 0.588	1.818 0.638	1.868 0.688	1.818 0.738	1.768 0.788	1.718 0.838	1.668 0.888	1.618 0.938	1.568 1.098	1.518 1.038	1.468 1.088	1.418 1.138		
Avg 34A	-0.209	1.755 -0.255	1.705 -0.205	1.655 -0.155	1.605 -0.105	1.555 -0.055	1.505 -0.005	1.455 0.045	1.405 0.095	1.355 0.145	1.305 0.195	1.255 0.245	1.205 0.295	1.155 0.345	1.105 0.395	1.055 0.445	1.005 0.495	0.955 0.545		
Avg 35C	-0.083	2.260 0.377	2.210 0.427	2.160 0.477	2.110 0.527	2.060 0.577	2.010 0.627	1.960 0.677	1.910 0.727	1.860 0.777	1.810 0.827	1.760 0.877	1.710 0.927	1.660 0.977	1.610 1.027	1.660 1.077	1.510 1.127	1.460 1.177		
Avg 36B	-0.252	2.396 0.384	2.366 0.435	2.226 0.484	2.246 0.534	2.196 0.584	2.146 0.634	2.096 0.684	2.046 0.734	1.936 0.786	1.966 0.834	1.836 0.894	1.646 0.934	1.396 0.994	1.746 1.034	1.696 1.084	1.646 1.134	1.596 1.184		
Avg 37C	0.015	2.249 0.463	2.199 0.519	2.149 0.563	2.099 0.613	2.049 0.663	1.999 0.713	1.943 0.763	1.899 0.813	1.843 0.863	1.739 0.913	1.749 0.963	1.699 1.013	1.669 1.063	1.599 1.113	1.549 1.163	1.499 1.213	1.449 1.263		
Avg 38B	0.003	1.841 0.044	1.791 0.094	1.714 0.144	1.691 0.194	1.661 0.344	1.531 0.394	1.545 0.344	1.491 0.394	1.441 0.444	1.321 0.494	1.341 0.544	1.291 0.594	1.241 0.444	1.191 0.694	1.141 0.244	1.091 0.794	1.041 0.844		

FIG. 6

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Matrix Alignment Conditions



NOTE THAT: AVERAGE $I = I$ signal + I average noise
ROW OF MINIMUM ABSOLUTE DEVIATION: I signal = I noise closest to Av noise
AMOUNT OF DEVIATION = $|IA|$ of the \pm polarity
 $\#$ OF EQUIVALENT COLUMN SHIFT = $|IA| + \text{COLUMN SPACING}$

FIG. 7

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Selection Logic for Next Iterative Probe
 Location of Columns "Match"

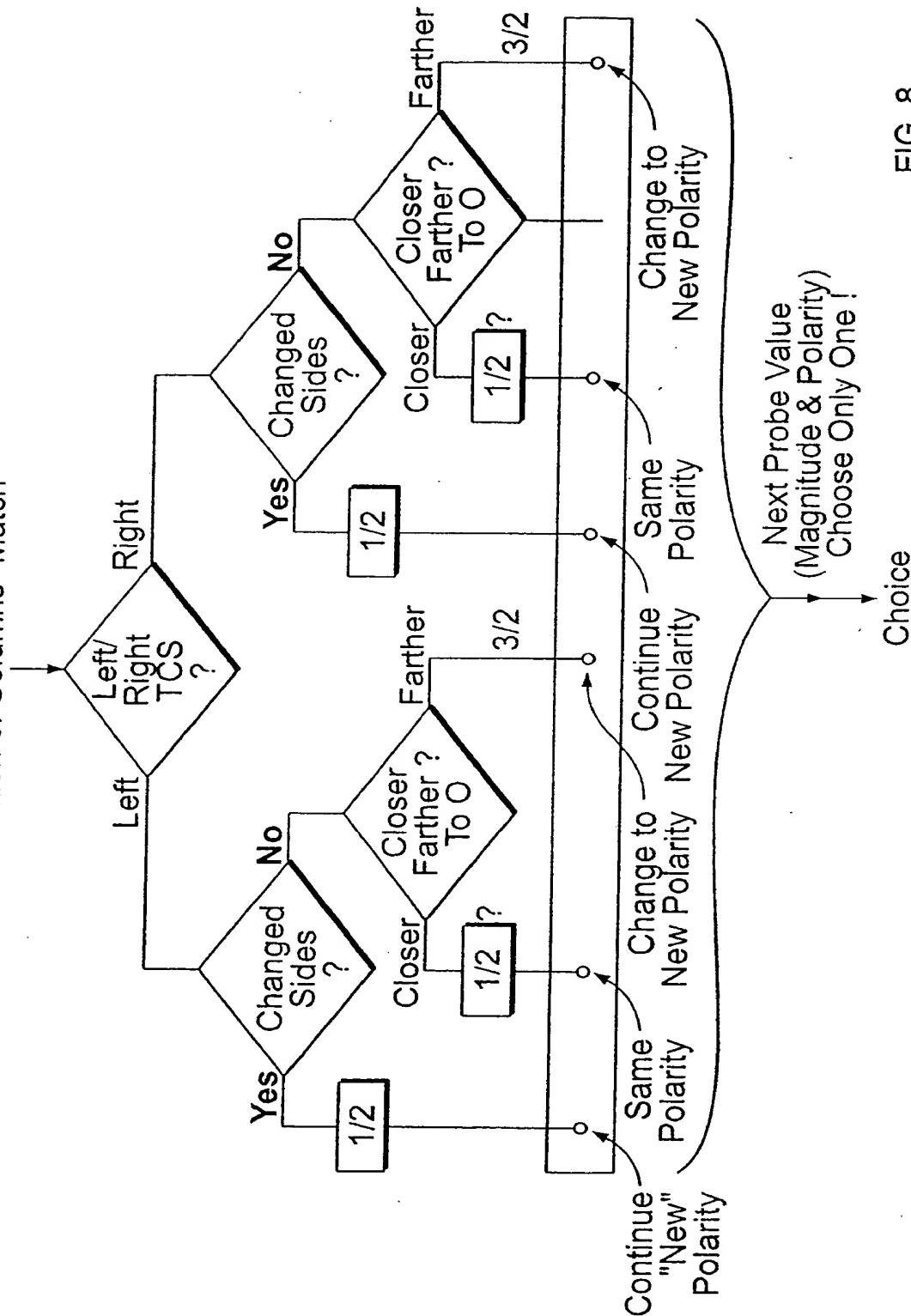


FIG. 8

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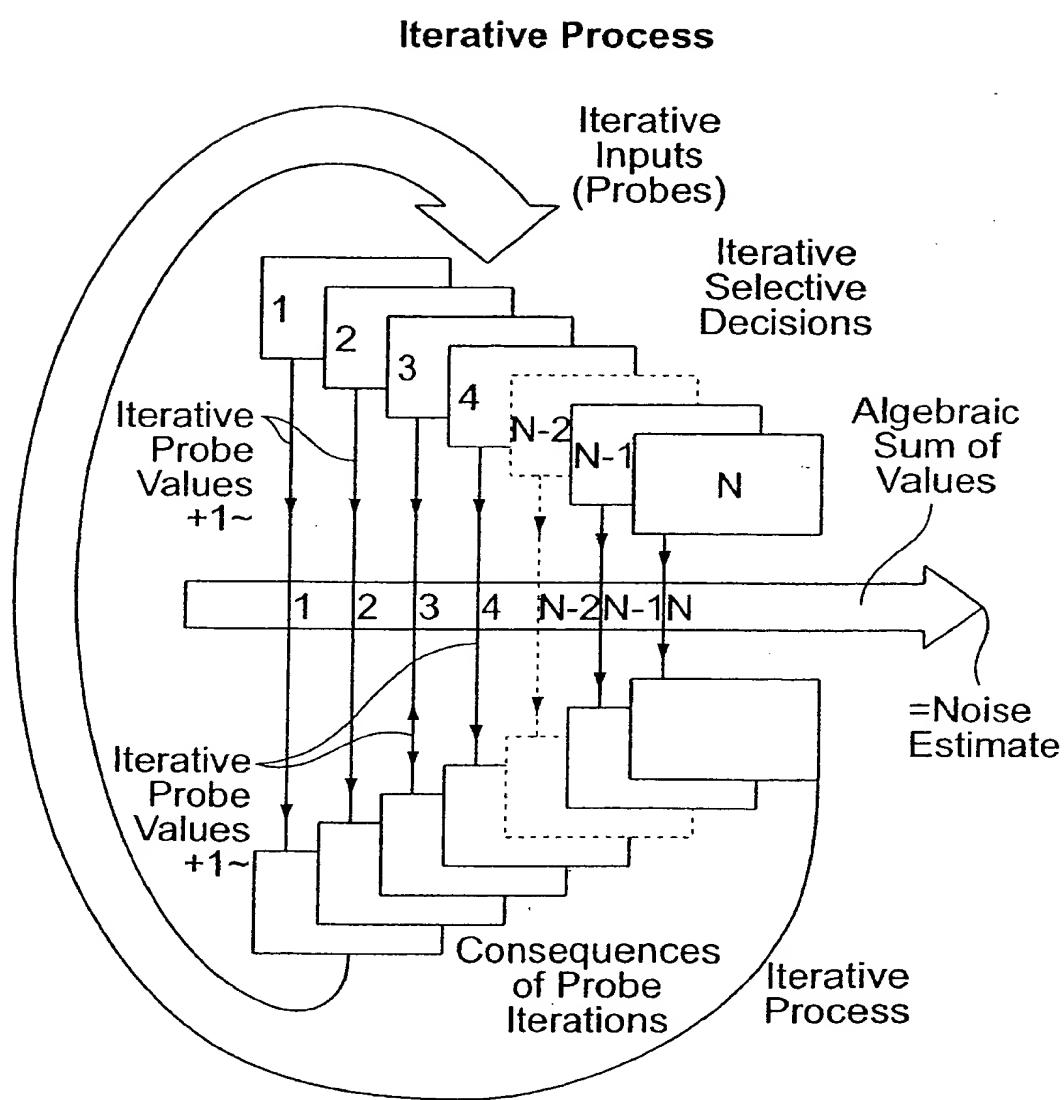


FIG. 9

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Augmentation of Selection Logic

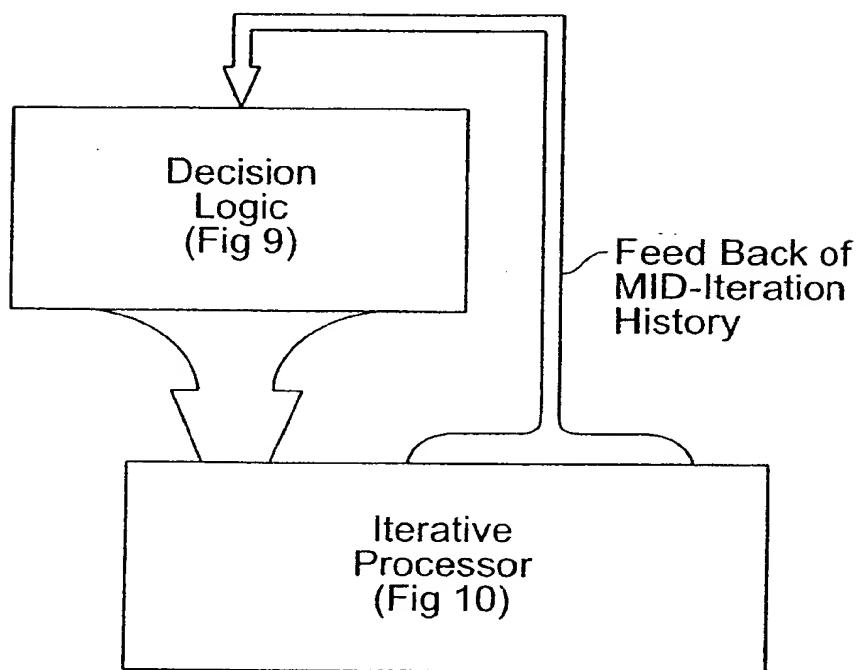


FIG. 10

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Trial Group	Orig Noise Avg	RANDOM Q data					Equiv Voltage Added	Last Noise Avg	Ratio Orig Last
		1	2	3	4	5			
205 1	0.4440	0.3970	0.1470	-0.1030	0.0220	-0.0405	-0.4532	-0.0092	48.1
205 2	0.1928	0.0077	-0.2423	0.0087	-0.1173	-0.0548	-0.2163	-0.0235	8.2
205 3	0.2307	0.0107	-0.2198	0.0507	-0.0943	-0.0318	-0.2313	-0.0006	382.9
206 1	0.6667	0.6649	0.3149	0.0619	-0.0601	0.0024	-0.5355	-0.0289	23.1
206 2	-0.0969	0.1153	-0.1347	0.1158	-0.0097	0.0528	0.1174	0.0215	4.5
206 3	0.0218	-0.2565	-0.0065	0.2435	0.1185	0.0060	0.0030	0.0248	0.9
207 1	0.7412	0.7198	0.4694	0.2194	0.0944	0.0319	-0.7406	0.0006	1181.1
207 2	-0.2973	-0.2622	-0.0022	0.2478	0.1228	0.0603	0.3263	0.0290	10.2
207 3	0.3031	-0.0517	0.1983	-0.0517	0.0733	0.0108	-0.4036	-0.0205	18.7
208 1	0.2199	0.1728	-0.0772	0.1229	0.0478	-0.0147	-0.2033	0.0166	13.3
208 2	0.4198	0.3966	0.1466	-0.1034	0.0216	-0.0409	-0.4295	-0.0097	43.4
208 3	-0.1523	-0.0900	0.1600	-0.0900	0.0350	-0.0275	0.1561	0.0038	40.1
209 1	-0.3033	-0.2685	-0.0185	0.2315	0.1065	0.0440	0.3161	0.0187	23.8
209 2	-0.0802	0.0528	-0.1972	0.0528	-0.0722	-0.0097	0.1024	0.0216	3.7
209 3	-0.0148	0.1385	-0.1115	0.1385	0.0135	-0.0490	-0.0029	-0.0177	0.8
210 1	0.2507	0.1607	-0.0693	0.1607	0.0357	-0.0268	-0.2462	0.0044	56.8
210 2	0.2427	0.2049	-0.0451	0.2049	0.0799	0.0174	0.2666	-0.0139	17.5
210 3	0.0961	-0.0761	0.1739	-0.0741	0.0689	-0.0136	-0.0784	0.0177	5.4
211 1	0.8869	0.2232	-0.0268	0.2232	0.0982	0.0357	-0.2326	0.0044	53.5
211 2	0.4865	0.2534	0.0031	-0.2446	-0.1816	-0.0591	-0.5143	-0.0278	17.5
211 3	-0.7412	-0.7084	-0.4584	-0.2039	-0.0789	-0.0164	0.7660	0.0148	50.1
212 1	0.5285	0.3926	0.1426	-0.1074	0.0176	-0.0449	-0.5421	-0.0136	38.8
212 2	0.1817	0.0830	-0.1679	0.0830	-0.0420	0.0205	-0.1925	-0.0107	16.9
212 3	-0.0208	0.1420	-0.1086	0.1420	0.0170	-0.0455	0.0056	-0.0142	1.5
213 1	-0.2570	-0.1652	0.0848	-0.1652	-0.0402	0.0223	0.2480	-0.0090	28.7
213 2	-0.0064	0.0310	-0.2190	0.0310	-0.0940	-0.0315	0.0067	-0.0003	24.3
213 3	-0.5096	-0.3200	-0.0700	0.1800	0.0550	-0.0075	0.5333	0.0237	21.5
214 1	-0.0216	0.1703	-0.0295	0.1203	0.0453	-0.0172	0.0287	0.0141	1.8
214 2	-0.1596	-0.0912	0.1586	-0.0312	0.0338	-0.0287	0.1620	0.0025	62.8
214 3	0.1216	-0.0494	0.2006	-0.0494	0.0756	0.0131	-0.1398	-0.0181	6.7
215 1	-0.3403	-0.0218	0.2287	-0.0213	0.1037	0.0412	0.3502	0.0099	34.3
215 2	-0.1557	-0.0243	0.2257	-0.0243	0.1007	0.0382	0.1627	0.0069	22.4
215 3	-0.5943	-0.3037	-0.0537	0.1963	0.0713	0.0088	0.5718	-0.0225	26.5
216 1	0.1581	0.0252	-0.2218	0.0282	-0.0968	-0.0343	-0.1614	-0.0030	52.0
216 2	0.3981	0.3294	0.1294	-0.1206	0.0044	-0.0581	-0.4250	-0.0268	14.0
216 3	0.1159	-0.0841	0.1659	-0.0841	0.0409	0.0216	-0.1063	0.0097	12.0
217 1	0.4497	0.2497	-0.0003	0.2497	0.1257	0.0522	-0.4188	0.0309	14.5
217 2	0.5273	0.2169	-0.0331	0.2169	0.0919	0.0294	-0.5292	-0.0019	278.7
217 3	0.1066	-0.0700	0.1800	-0.0700	0.0550	-0.0075	-0.0829	0.0238	4.5
218 1	-0.4485	-0.2822	-0.0322	0.2178	0.0928	0.0303	0.4475	-0.0010	453.7
218 2	0.0983	-0.1467	0.1058	-0.1447	-0.0197	0.0428	-0.0867	0.0115	8.5
218 3	0.0171	-0.1190	0.1310	-0.1190	0.0060	-0.0565	-0.0423	-0.0252	0.7
219 1	0.0508	-0.1111	0.1389	-0.1111	0.0139	-0.0485	-0.0681	-0.0173	2.9
219 2	0.2668	0.0668	-0.1862	0.0668	-0.0582	0.0043	-0.2938	-0.0270	9.9
219 3	-0.2172	-0.1891	0.0609	-0.1891	-0.0641	-0.0016	0.3088	0.0296	8.4
220 1	0.6507	0.4095	0.3595	0.1095	-0.0155	0.0470	-0.6349	0.0158	41.2
220 2	0.6336	0.3617	0.1112	-0.1383	-0.0144	0.0498	-0.6157	0.0179	35.4
220 3	-0.1340	0.1748	-0.0756	0.1748	0.0438	-0.0127	0.1565	0.0185	3.2

Original Noise Result of Each of 1st Five (of Six Iterations) This Column Yields "Estimate" Noise (Sum of Values Added) Residual Noise Voltage Ratio

FIG. 11